



USER GUIDE

The A+K Airgoo Digital Signage MicroPlayer is a totally new generation of product with wireless capabilities and innovative features. It is designed to operate with our Digital Signage Server that will allow you to easily display and update content remotely on any flat panel TV featuring an HDMI port in just a few seconds.

Access to the Server is via the following webpage: www.admin.airgoosignage.co.uk

This product can display pictures and video files from the Internet via its WiFi access, through the USB memory stick or compatible memory cards.





REGISTRATION

To register your A+K Airgoo Digital Signage HDMI MicroPlayer, go to:
www.admin.airgoosignage.co.uk and enter your username and password

Recommendations of Use and Safety Warnings

Do not install your Airgoo MicroPlayer close to a water source (minimum 1.5m away from a water source) or in a humid environment (such as a bathroom, laundry or kitchen).

This product has been designed to work inside a building and cannot be used outside. Avoid using the product in a dusty environment.

This product must be used in temperatures between 10°C and 35°C.

You can use the USB port of the TV set to power the MicroPlayer. Where there is no USB port available, use the power adapter provided.

The CE mark indicates that the product is in compliance with the main requirements of the European parliament and council directive 2002/96/EC for telecommunications terminals, user health and safety and for electromagnetic disturbance.

This terminal has been designed for indoor use (CPE customer premises equipment) within the European Union. It has been tested according to the technical dispositions for radio equipment (EN 300328). The manufacturer therefore declines all responsibility in case of non-compliance with the current regulations in the country of installation.

The declaration of conformity and the warranty are available under request by sending an email to: sales@anders-kern.co.uk

1. Description of the Digital Signage HDMI MicroPlayer

1.1. Description

The MicroPlayer comes with the following accessories:

- USB to micro USB cable (for power up)
- HDMI extension cable
- Mains Power Adaptor for USB

The MicroPlayer features the following elements:

- Micro USB port for power
 - When powered, a blue light appears inside the MicroPlayer
- USB port for a mouse
 - The mouse is not provided
 - It is possible also to use a Wireless 2.4GHz mouse for greater comfort
- Micro SD Card slot

1.2. First power up and WiFi setting

- Plug the Micro USB end of the cable to the Micro USB socket of the MicroPlayer and the other end of the cable to the USB socket of the TV. If the TV has no USB socket use the USB power adaptor supplied
- Insert the USB plug of the mouse (not supplied) into the USB socket at the end of the MicroPlayer. The mouse is only used during setup to achieve connection to the local WiFi LAN

The following window should appear:

- Click on "HOME" > "SETTINGS" > "WiFi" to connect to your LAN
- Select the chosen LAN network and new window will enable the entering of the password
- Click *CONNECT" once the password is entered
- Once the connection is confirmed, click on the "HOME" icon
- Click on the right and side icon "Spheris" and the Digital Signage App will start


2. Description of the Digital Signage Content Management Server

2.1 Login to the Digital Signage Server and register your MicroPlayer

In order to register a new MicroPlayer you will need to know its MAC address, this is how the server can identify the MicroPlayer.

2.1.1 Identification of the MicroPlayer's MAC address

How to find the MAC address of your MicroPlayer:

- Click "HOME" > "SETTINGS" > 
- Click "ADVANCED" to see the the MAC address (example: 00.E0.4C.81.92.B3), which you will register without the dots (example: 00E04C8192B3)

2.1.2 Login to the Content Management Server

- Go to: www.admin.airgoosignage.co.uk
- Enter the username and password you were provided with

2.1.3 Registration of a new display or MicroPlayer

- Select the "My Displays" tab and click on "Register a New Display" to open the registration window
- Enter the MAC address in the Serial Number box

2.2. Presentation of the Digital Signage Server

2.2.1 Functionalities of the Digital Signage Content Management Server

- Register MicroPlayer(s)
- Organise MicroPlayer(s) into Groups (by product, location, etc.)
- Upload and organise photos or videos in content Playlists
- Link groups to specific content playlists.
(Note: All MicroPlayers within a group will show the same content wherever they are located)
- Link a Group to a new content Playlist when the displayed information needs to be changed
- Schedule certain content to appear at certain times of the day

Once a link between a Group of displays or MicroPlayers and a content Playlist is established, the content is downloaded into the internal memory of the MicroPlayer (max size 4GB). Once downloaded, the new content is displayed on the screen.

(Note: The change should take place between 30 seconds and 2 minutes depending on the speed of the network.)

2.2.2. The “My Displays” section

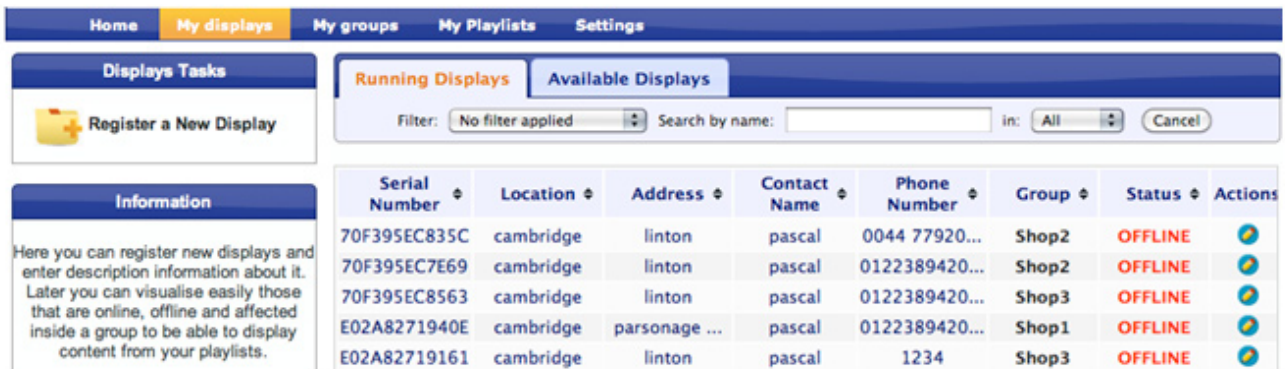
This section lists all the MicroPlayers that have been registered under the same account.






(Note: From now on we will refer to “Displays” as a combination of a MicroPlayer and a flat panel TV.)

Once a new display is successfully registered, it will appear in the “Available Displays” section.

Once the display has been linked to a specific Group it will be automatically moved to the “Running Displays” section. In this case the following information will appear:

- Location (as it has been recorded during the registration procedure)
- Which Group it belongs to
- Online or Offline status; the display will appear as online only if the actual display is connected to the Internet



Serial Number	Location	Address	Contact Name	Phone Number	Group	Status	Actions
70F395EC835C	cambridge	linton	pascal	0044 77920...	Shop2	OFFLINE	
70F395EC7E69	cambridge	linton	pascal	0122389420...	Shop2	OFFLINE	
70F395EC8563	cambridge	linton	pascal	0122389420...	Shop3	OFFLINE	
E02A8271940E	cambridge	parsonage ...	pascal	0122389420...	Shop1	OFFLINE	
E02A82719161	cambridge	linton	pascal	1234	Shop3	OFFLINE	

Click on the blue pen under the action column to edit the following fields: location, address, contact name and phone number. This will enable better management of the displays.

2.2.3. The “My Groups” section

This section lists all the Groups that have been created under an account. Users can organise Groups by different criteria, such as location, product category, advertising campaign, etc.

A Group can be linked to only one playlist at a time, but a Playlist can be linked to several Groups.

(Note: Clicking on the red cross in front of a Group under the “Actions” column will delete the Group. Ticking the box in front of a Group and then selecting “Delete Selected Group” will have the same effect.)



Select all	Title	Nb. of displays	Playlist currently playing	Actions
<input type="checkbox"/>	Shop1	1 display	None (SCHEDULED)	Playlists
<input type="checkbox"/>	Shop2	2 displays	Fashion (SCHEDULED)	Playlists
<input type="checkbox"/>	Shop3	2 displays	Fashion (Solo Playlist)	Playlists
<input type="checkbox"/>	MediaConne...	0 display	None	Playlists
<input type="checkbox"/>	shop4	0 display	None (SCHEDULED)	Playlists

Click on the blue pen to edit the name of the display.

By clicking on one Group name we display the serial number of all the Displays within that Group.

Clicking on the Playlists icon opens a new menu with the possibility of either programming a link to a specific content photo or video Playlist (solo Playlist) or of launching a scheduler which will enable a timed display of various contents throughout the day for each day of the week (see section 12.4).

Click on the Group name to display the serial number of all the Displays within that Group: e.g. for Group “shop2” below.

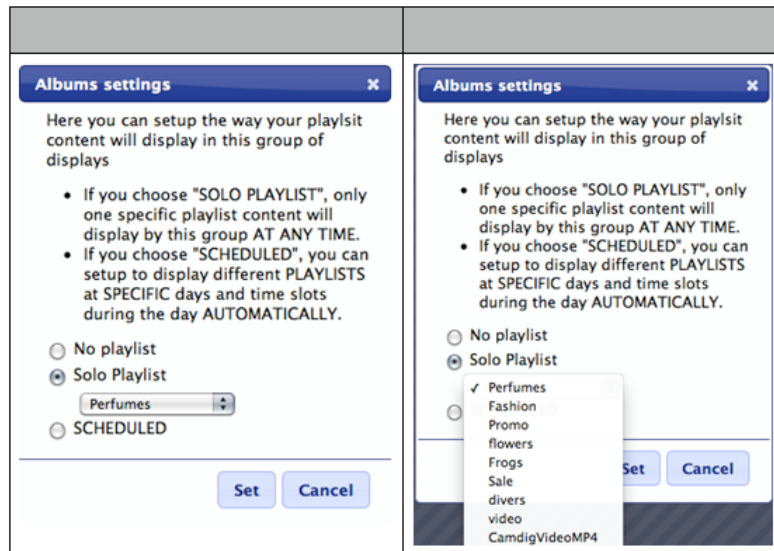


Select all	Serial Number	Location	Address	Contact Name	Phone Number	displayST
<input type="checkbox"/>	70F395EC835C	cambridge	linton	pascal	0044 7792092627	OFFLINE
<input type="checkbox"/>	70F395EC7E69	cambridge	linton	pascal	01223894207	OFFLINE

2.2.4 : Changing the content displayed by a specific Group of Displays

To change the content linked to a Group, click on the “PLAYLISTS” icon to display the “Playlists settings” menu.

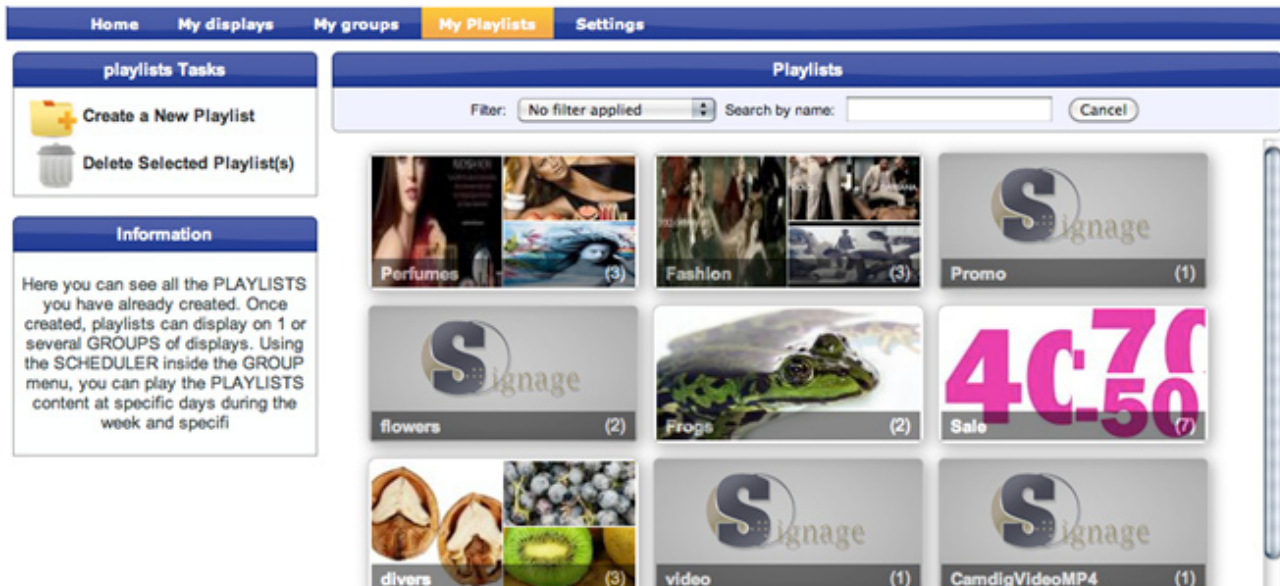
Solo Playlist: a drop down menu will show all the available playlists to choose from.



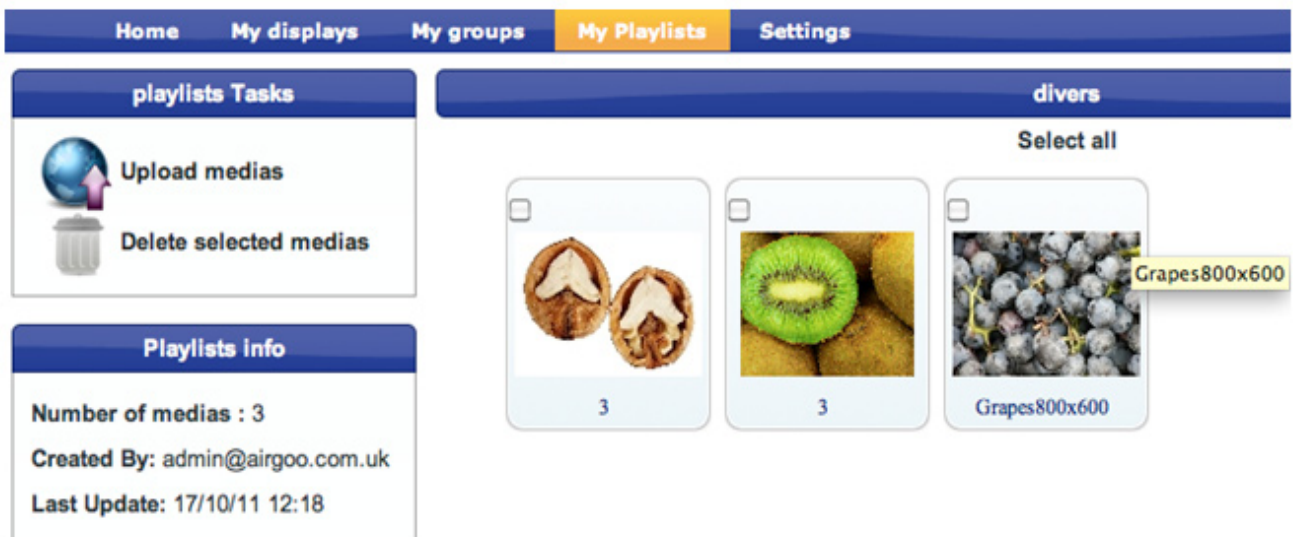
Ticking “SCHEDULED” will open a scheduler with which we can program specific content at specific times of the day. Different scheduled Playlists can be programmed separately for each day of the week.

2.2.5. The “My Playlist” section

The first page in the “My Playlist” section lists all the pictures or videos contained in each Playlist; by clicking on the box we will see to which Groups the Playlist is linked to.



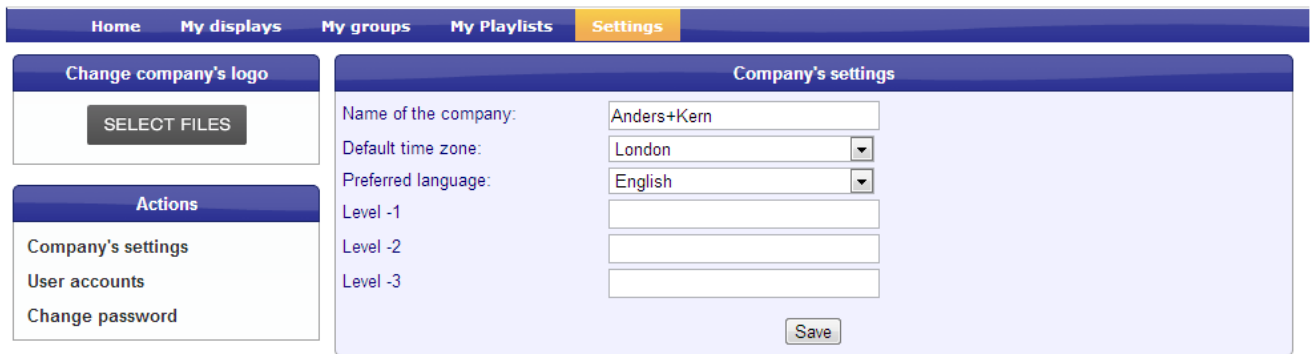
By selecting a specific Playlist we can then see the photos or the name of the videos in that Group. We can also modify the content of that Playlist by uploading or deleting pictures or videos.



2.2.6. Settings

In the Settings section it is possible to define the time zone. The default time zone is GMT+1, but the user may be in a different time zone. This information is important for the scheduler operation.

In this section, you can also change the preferred language and the password.

A screenshot of the Airgoo web application's 'Settings' page. The page has a dark blue header with navigation tabs: 'Home', 'My displays', 'My groups', 'My Playlists', and 'Settings' (which is highlighted in orange). On the left side, there is a sidebar with a 'Change company's logo' section containing a 'SELECT FILES' button, and an 'Actions' section with links for 'Company's settings', 'User accounts', and 'Change password'. The main content area is titled 'Company's settings' and contains the following fields: 'Name of the company:' with a text input containing 'Anders+Kern'; 'Default time zone:' with a dropdown menu showing 'London'; 'Preferred language:' with a dropdown menu showing 'English'; and three empty text input fields labeled 'Level -1', 'Level -2', and 'Level -3'. A 'Save' button is located at the bottom right of the settings area.

2.3. Warranty

The warranty does not cover damage caused if you (or any unauthorised person) tries to repair the MicroPlayer.

If the MicroPlayer is emitting smoke, noise, or an unusual smell, immediately unplug it. If you do not use the MicroPlayer for a while, make sure to unplug the power cord.

The warranty concerns the MicroPlayer and the following accessories: Power Converter. In case of any of these accessories stop working you may contact the following email address for a diagnostic and to replace them: airgoo@anders-kern.co.uk.

- **Warranty period**

This MicroPlayer is under warranty for 12 months. The warranty period begins on the date the display is purchased. The warranty must be proven by presenting the original invoice or receipt on which the date and model purchased appear.

- **Coverage**

A defective MicroPlayer must be returned complete to your distributor with an explanation. If this MicroPlayer presents a defect during the warranty period, the authorised Aftersales Service will replace any defective component. The Aftersales Service will unilaterally decide whether to repair or replace the MicroPlayer, in part or in whole.

The initial purchase date will determine the starting date for the warranty period. If the MicroPlayer is repaired or exchanged by our Aftersales Service, the warranty period is not extended.

- **Exclusions**

Damage or defects caused by the improper use or handling of the MicroPlayer, or by the use of accessories, which are not original or not recommended in these instructions, are not covered by the warranty.

The warranty does not cover damage caused by outside elements, such as lightning, water, fire, or any other damage caused during transport.

No warranty coverage may be claimed if the MicroPlayer's serial number has been modified, removed, erased, or made illegible.

No warranty coverage may be claimed if the MicroPlayer has been repaired, altered, or modified by the buyer or any repair personnel not officially qualified and authorised.

The manufacturer does not guarantee the technical properties described in this manual. The hardware and accessories described in this manual are subject to change without advance notice. For this reason, the manufacturer reserves the right to change the related documents, components, options, and characteristics without advance notice.

FCC WARNING STATEMENT

FCC Note:

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORISED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

(Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.)

This device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help